

# KEATON BEACH, FL, United States of America

## Annual Climatic Design Data (2002–2019)

| Latitude | Longitude | Elevation m | Standard Station<br>Pressure kPa | Winter<br>Temperature °C | Summer<br>Temperature °C | Extreme Wind<br>Speed m/s | Extreme Wind<br>Direction |
|----------|-----------|-------------|----------------------------------|--------------------------|--------------------------|---------------------------|---------------------------|
| 29.8187N | 83.5935W  | 2           | 101.30                           | 0.2                      | 31.0                     | 11.2                      | WSW                       |

## Monthly Winds (2002–2019)

|       | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| %CALM | 2   | 3   | 2   | 1   | 1   | 1   | 2   | 1   | 1   | 1   | 2   | 2   |

### Prevailing Wind #1

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NE  | NE  | ENE | ENE | WSW | WSW | WSW | ENE | ENE | NE  | NE  | NE  |
| %OCC    | 11  | 11  | 11  | 11  | 13  | 16  | 17  | 14  | 20  | 20  | 19  | 14  |
| AVG m/s | 3.0 | 3.2 | 3.7 | 3.5 | 5.7 | 5.6 | 5.3 | 3.0 | 3.6 | 3.0 | 3.3 | 3.2 |
| MED m/s | 2.6 | 2.8 | 3.3 | 3.0 | 5.3 | 5.2 | 5.1 | 2.7 | 3.2 | 2.7 | 3.0 | 2.8 |

### Prevailing Wind #2

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | NNE | ENE | NE  | WSW | SW  | SW  | W   | WSW | NE  | ENE | ENE | ENE |
| %OCC    | 10  | 11  | 8   | 11  | 12  | 13  | 12  | 13  | 19  | 17  | 14  | 13  |
| AVG m/s | 2.6 | 3.6 | 3.0 | 5.6 | 5.6 | 5.4 | 4.7 | 5.0 | 3.0 | 3.5 | 3.6 | 3.6 |
| MED m/s | 2.4 | 3.0 | 2.6 | 5.2 | 5.0 | 5.1 | 4.6 | 4.9 | 2.7 | 3.2 | 3.4 | 3.4 |

### Prevailing Wind #3

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | ENE | S   | WSW | W   | ENE | ENE | ENE | W   | NNE | NNE | NNE | NNE |
| %OCC    | 10  | 8   | 8   | 10  | 11  | 12  | 12  | 10  | 11  | 12  | 12  | 10  |
| AVG m/s | 3.6 | 5.5 | 5.5 | 5.1 | 3.6 | 3.2 | 2.6 | 4.5 | 2.9 | 2.6 | 2.8 | 2.7 |
| MED m/s | 3.2 | 5.4 | 4.9 | 4.7 | 3.0 | 2.7 | 2.4 | 4.4 | 2.5 | 2.4 | 2.6 | 2.5 |

### Prevailing Wind #4

|         |     |     |     |     |     |     |     |     |     |     |     |     |
|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| DIR     | N   | NNE | W   | E   | W   | W   | SW  | E   | E   | E   | N   | SSE |
| %OCC    | 9   | 7   | 8   | 8   | 11  | 11  | 11  | 10  | 9   | 7   | 9   | 9   |
| AVG m/s | 2.5 | 2.6 | 5.4 | 3.7 | 5.0 | 5.0 | 5.0 | 3.3 | 3.9 | 3.7 | 2.5 | 6.3 |
| MED m/s | 2.4 | 2.4 | 4.8 | 3.6 | 4.7 | 4.8 | 4.8 | 3.0 | 3.9 | 3.6 | 2.3 | 6.3 |